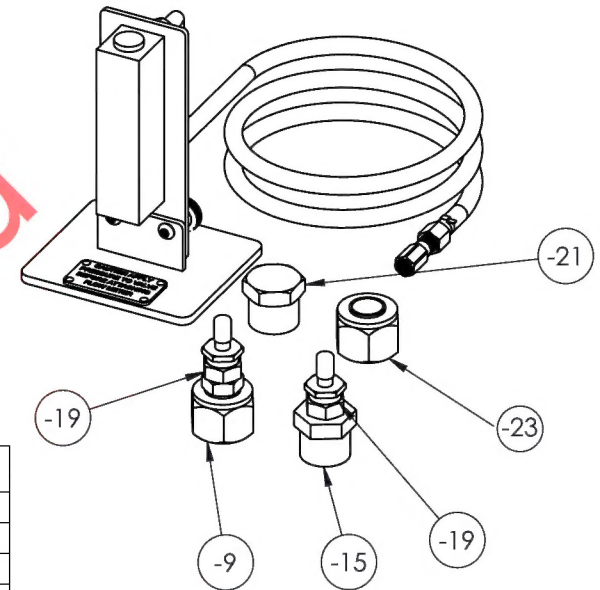
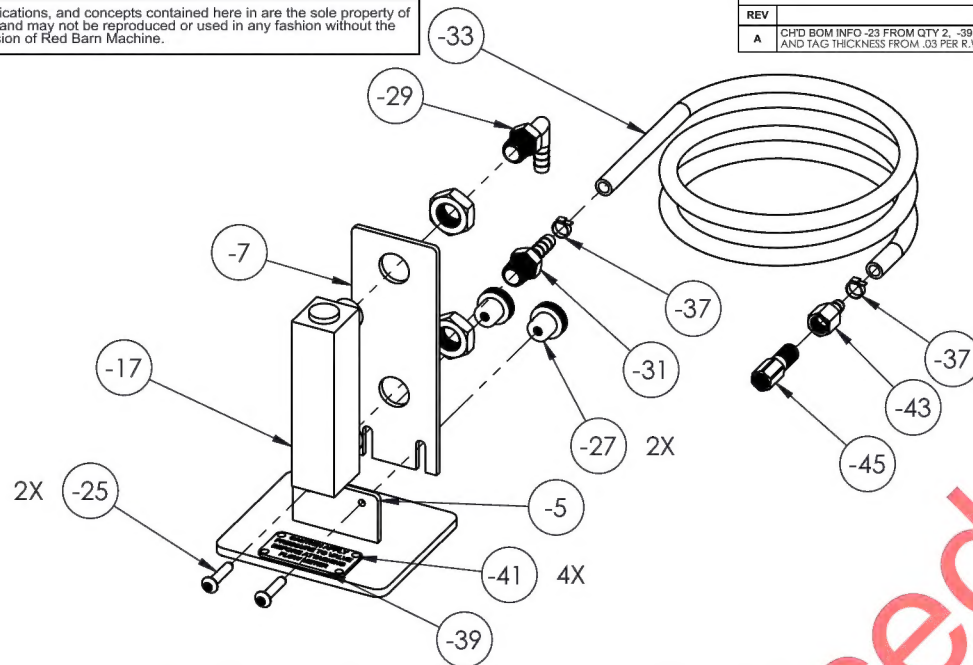


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REVISIONS				DATE	INITIAL	APPROVED
REV	DESCRIPTION					
A	CHD BOM INFO -23 FROM QTY 2, -39 FROM VINYL, ADDED -5 MISSING .625 DIMENSION. CHD -39 NOTE FROM YELLOW TAG WITH BLACK LETTERING AND TAG THICKNESS FROM .03 PER R.W.			4/4/2012	RJC	SE



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	WELDMENT			2
	1		-3		BASE	6061	3/16 X 4-1/8 X 3-5/8	3
	1		-5		WELD UPRIGHT	6061	1/8 X 1-3/8 X 2-1/8	4
			-7	1	MOUNT PLATE	6061	1/8 X 5-5/8 X 2-1/8	5
X			-9	1	CAP WELDMENT			6
1			-11		CAP	S.S.	MS21914-12J (MODIFIED)	7
1		B/O	-13		HEX NUT	STEEL	1/2-20 MCMaster-CARR #90494A233	6
			-15	1	PLUG	S.S.	MS21913-12J (MODIFIED)	8
		B/O	-17	1	FLOW METER		KING INSTRUMENT #75301102C13 W/SCFM SCALE FOR AIR SERVICE & 5 POINT CALIBRATION	1
		B/O	-19	2	SCHRADER VALVE		SPENCER AIRCRAFT #MS28889-2	1
		B/O	-21	1	PLUG	S.S.	MS21913-12J	1
		B/O	-23	1	CAP	S.S.	MS21914-12J	1
		B/O	-25	2	SCREW	S.S.	#10-24 X 7/8 MCMaster-CARR #92949A246	1
		B/O	-27	2	KNOB	S.S.	#10-24 MCMaster-CARR #60205K211	1
		B/O	-29	1	BARBED HOSE FITTING	NYLON	1/4 NPT MCMaster-CARR #5372K312	1
		B/O	-31	1	BARBED TUBE FITTING	NYLON	1/4 NPT MCMaster-CARR #5372K112	1
		B/O	-33	1	TUBING	TYGON PVC	Ø3/8 X 3'-6" MCMaster-CARR #5894K14	1
		B/O	-35	1	PISTOL CASE	PLASTIC	RSR SPORTS #10137	NS
		B/O	-37	2	CABLE TIE	NYLON	MCMaster-CARR #7345K21	1
		B/O	-39	1	I.D. TAG	PLASTIC	1/16 X 1 X 2 MCKENZIE LASER	9
		B/O	-41	4	#2 DRIVE SCREW	COATED STEEL		1
		B/O	-43	1	ADAPTER	BRASS	1/8 NPT MCMaster-CARR #4455K124	1
		B/O	-45	1	CHARGING CHUCK		HYDRO FITTING #HF300-5007-2014	1
ASSY -9	ASSY -1							

NOTE: USE THREAD LOCKER ON 2 SCREWS (-25).

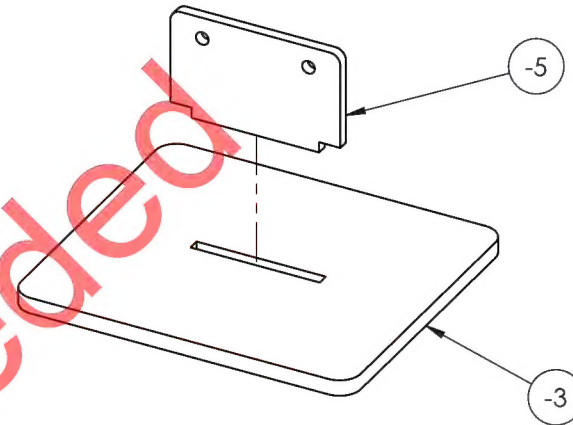
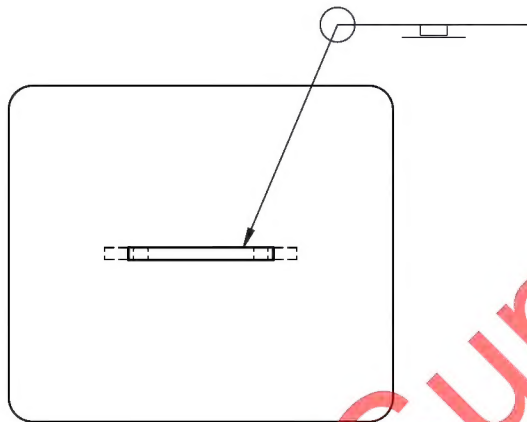
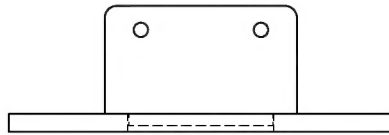
RED BARN MACHINE

CHECK VALVE TESTER

DWG NO.		RBW2620V00251-3G-TOOL		REV	A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			DRAWN BY: GILBERT		
TOLERANCES ON:			APPROVED <i>D Weil</i>		
DECIMALS			HEAT		
.XXX ± .005			TREAT		
.XX ± .01			FINISH		
.X ± .1			SPEC		
UNLESS OTHERWISE SPECIFIED			USED ON MODEL		
1. BREAK ALL SHARP EDGES			AW139		
.015 x 45° PR .015 R					
2. DIMENSIONAL LIMITS APPLY AFTER PLATING					
SCALE 1:4		DATE 12/21/2011		SHEET 1 OF 9	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



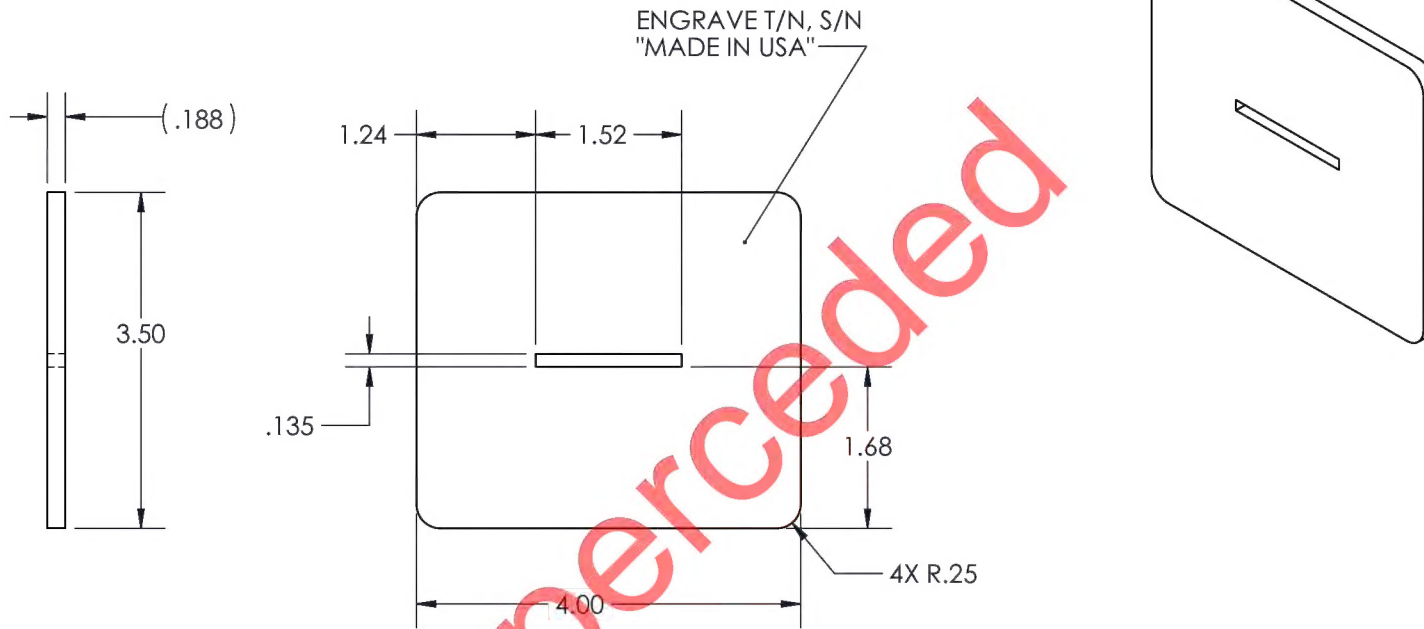
-1

WELDMENT

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-TOOL-1	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
HEAT TREAT FINISH ANODIZE RED	
SPEC MIL-A-8625F, TYPE II, CLASS II	
USED ON MODEL AW139	
SCALE 1:2	DATE 12/21/2011
SHEET 2 OF 9	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

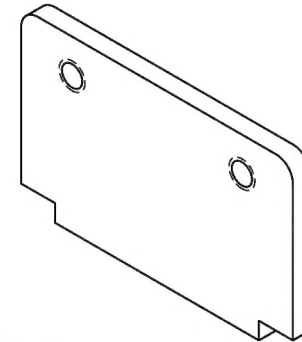
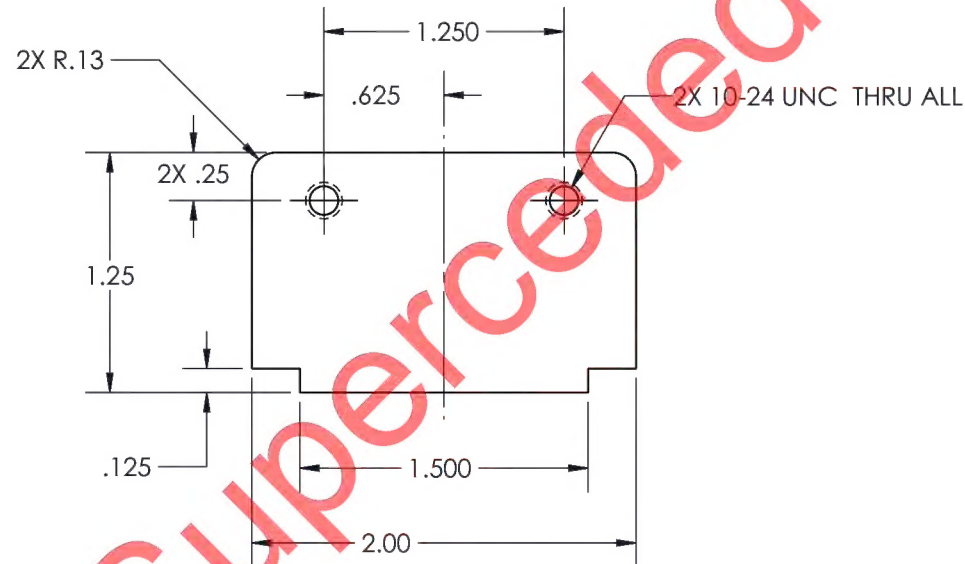
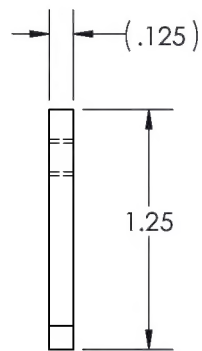


③
BASE

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-TOOL-3	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: GILBERT APPROVED: <i>D Weil</i> HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:2	DATE 12/21/2011
SHEET 3 OF 9	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	ADDED -5 MISSING .625 DIMENSION.	4/4/2012	RJC	SE



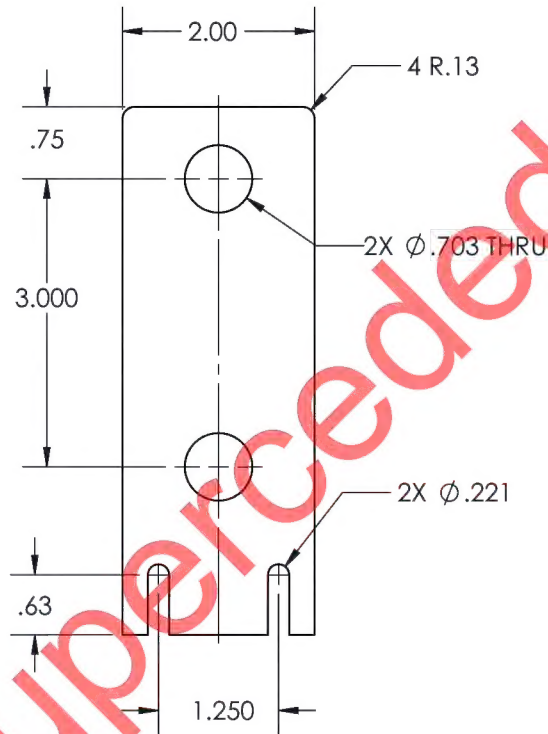
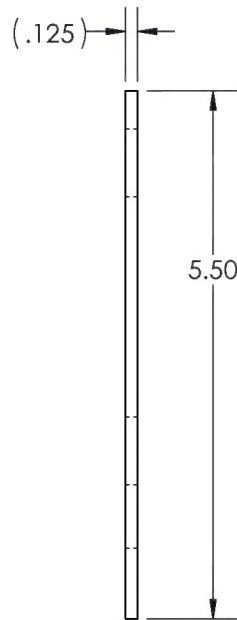
(-5)

WELD UPRIGHT

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-TOOL-5	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: GILBERT APPROVED: <i>D Weil</i> HEAT TREAT: FINISH: SPEC:
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:1	DATE 12/21/2011
SHEET 4 OF 9	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



⑦
UPRIGHT


 RED BARN MACHINE	
CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-TOOL-7	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:2	DATE 12/21/2011
SHEET 5 OF 9	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

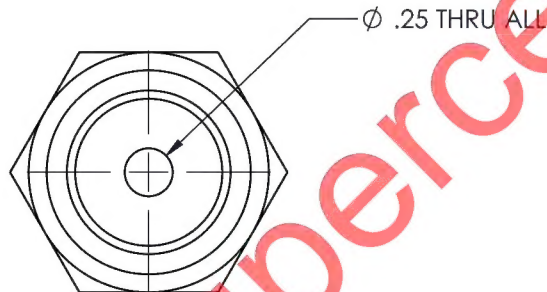
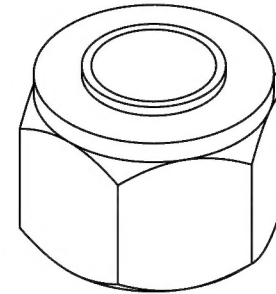
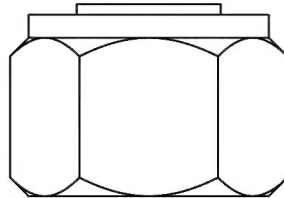


(-9)
CAP WELDMENT

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-TOOL-9	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:2	DATE 12/21/2011
SHEET 6 OF 9	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



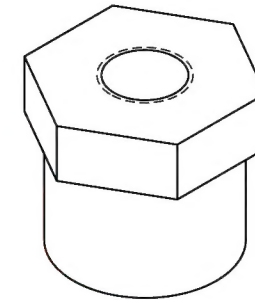
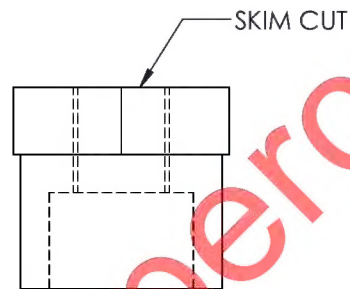
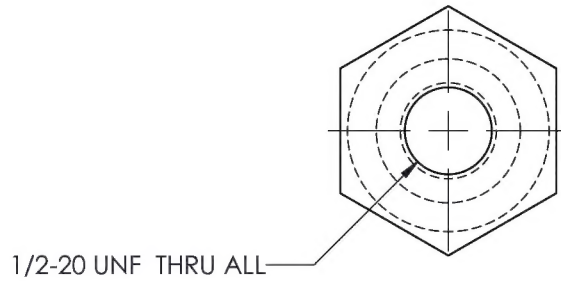
(-11)

CAP

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-TOOL-11	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:1	DATE 12/21/2011
SHEET 7 OF 9	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



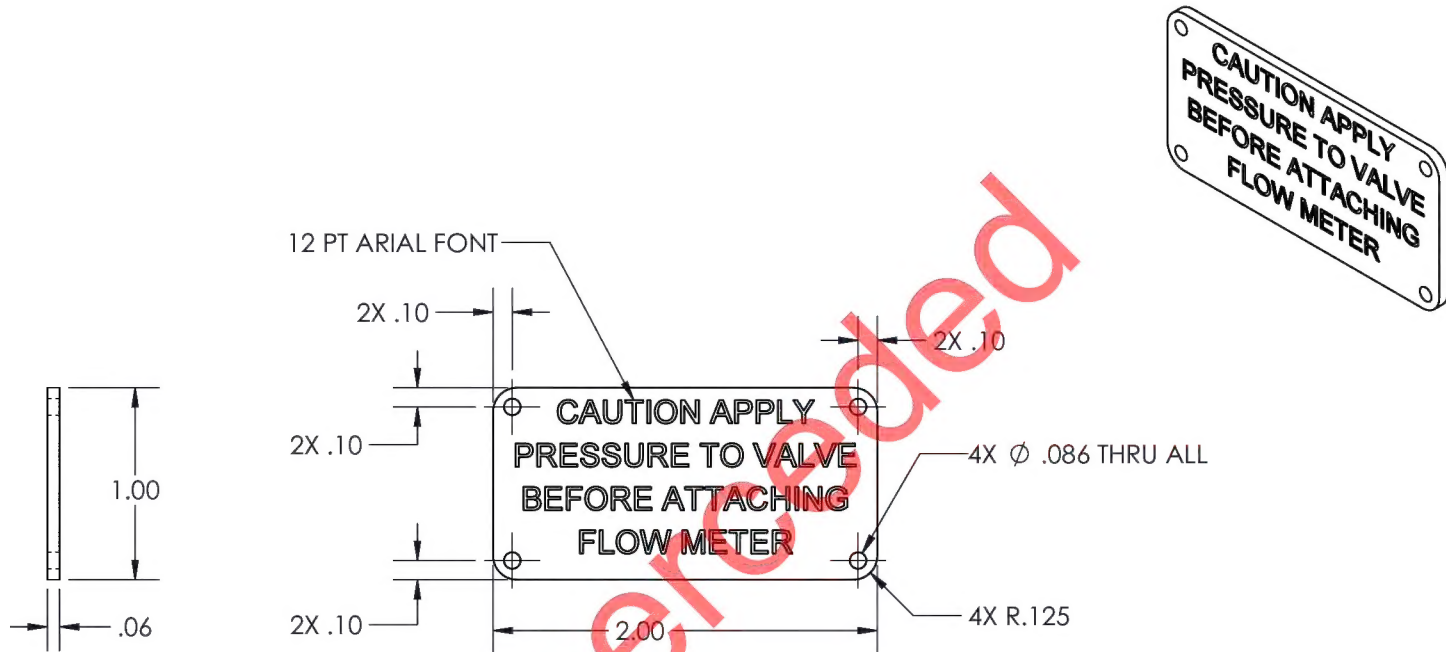
(-15)

PLUG

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-TOOL-15	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:1	DATE 12/21/2011
SHEET 8 OF 9	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	CHD -39 NOTE FROM YELLOW TAG WITH BLACK LETTERING AND TAG THICKNESS FROM .03 PER R.W.	4/4/2012	RJC	SE



NOTE: BLACK BACKGROUND WITH WHITE LETTERING.

(-39)
I.D. TAG

 RED BARN MACHINE	
TITLE CHECK VALVE TESTER	
DWG NO. RBW2620V00251-3G-TOOL-39	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: GILBERT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 12/21/2011
SHEET 9 OF 9	